

MEMORANDUM OF OIL AND GAS LEASE

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This Memorandum of Oil and Gas Lease made this 8th day of April, 2010, by and between Samuel L. Persinger, a single man, of RD 2 Box 210, Proctor, West Virginia, 26055, hereinafter collectively called "Lessor," and Chesapeake Appalachia, L.L.C., an Oklahoma limited liability company, P.O. Box 18496, Oklahoma City, Oklahoma 73154-0496, hereinafter called "Lessee."

WITNESSETH

For and in consideration of the sum of Ten Dollars (\$10.00) cash in hand paid, and other good and valuable consideration, Lessor did make and execute in favor of Lessee an Oil and Gas Lease dated April 8th, 2010, and made effective April 8th, 2010, which provides for a five (5) year primary term and an option to renew for an additional five (5) year primary term covering Lessor's interest in the following described lands:

Tax Map No: 7 Parcel 35

bounded formerly or currently as follows:

On the North by lands of	J. Hanczyk;
On the East by lands of	W.V. Dept of Highways;
On the South by lands of	L. Persinger;
On the West by lands of	A. Wolfe;

Containing 10.708 acres and located in the District of Franklin, Marshall County, State of West Virginia, for the purpose of drilling, operating for, producing and removing oil and gas and all the constituents thereof. Said lands were conveyed to Lessor by virtue of deed dated October 20th, 1989 and recorded in said County and State in Deed Book 548, at Page 509. This Lease may be extended beyond the primary term by certain activities including, without limitation, conducting operations, producing oil or gas, or making prescribed payments. This Lease also grants to Lessee a Right of First Refusal to match any top lease covering the leased premises, which right may be exercised by Lessee within fifteen (15) days after receipt of proper notice from Lessor.

This Memorandum of Oil and Gas Lease is being made and filed for the purpose of giving third parties notice of the existence of the Lease described above. The execution, delivery and recordation of this Memorandum of Oil and Gas Lease shall have no effect upon, and is not intended as an amendment of the terms and conditions of the Lease. It is the intent of the Lessor to lease all of Lessor's interest in and to the properties described herein, whether or not the tracts recited herein are properly described, and further it is understood this lease includes all rights owned by the Lessor in the properties described herein.

IN WITNESS WHEREOF this Memorandum of Oil and Gas Lease is executed as of the date first above written.

WITNESS:

Jan Pest
MARSHALL County 03:54:21 PM
Instrument No 1291559
Date Recorded 09/09/2010
Document Type O&G
Pages Recorded 1
Book-Page 707-626
Recording Fee \$10.00
Additional \$6.00

LESSOR:

Samuel L. Persinger
Samuel L. Persinger

WITNESS:

CHESAPEAKE APPALACHIA, L.L.C.
An Oklahoma limited liability company

Lester A. Zitkus
By: Lester A. Zitkus
Its: Vice President - Land, Eastern Division

ACKNOWLEDGMENT

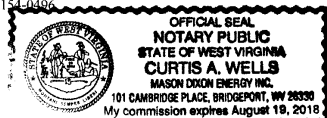
STATE OF West Virginia)
COUNTY OF Marshall) SS:

On this the 8th day of April, 2010, before me, a notary public, the undersigned authority, personally appeared Samuel L. Persinger, a single man, known to me (or satisfactorily proven) to be the person whose name is subscribed to the within instrument, and acknowledged that he/she/they executed the same for the purposes therein contained.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission Expires: August 19th, 2018
Signature/Notary Public: Curtis A. Wells
Name/Notary Public (print): Curtis A. Wells

Recorder: Return to Chesapeake Appalachia, L.L.C., Land Dept., P.O. Box 18496, Oklahoma City, Oklahoma 73154-0496



STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the 8th day of April, 2010, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this 9th day of September, 2010, at 3:54 o'clock P.M.

TESTE: Jan Pest Clerk.